

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-22 (canceled).

23. (previously presented) A data receiving method for receiving information data containing additional information data therewith, transmitted by a data transmission method comprising the steps performed at a transmitter side of:

preparing a data frame of said information data into which the additional information data is to be embedded,

embedding said additional information data plural times into said data frame, as an electronic watermark, repetitively and separately in said data frame, and

transmitting said data frame of the information data embedded in said data frame with the repetitive and separate additional information data;

said data receiving method comprising the steps performed at a receiver side of:

receiving the transmitted data frames of information data embedded in said data frame with the repetitive and separate additional information data therein,

detecting the repetitive and separate additional information data embedded in said data frame from said transmitted data frames of information data, and

determining said additional information data based on repetitiveness of the additional information data detected,

wherein said determining step includes a step of:

determining said additional information data based on a majority rule of the repetitive and separate additional information data embedded in said data frame.

24. (previously presented) A data transmission method as claimed in Claim 23, wherein said information data includes at least one of video data, audio data and text data.

25. (previously presented) A data transmission method as claimed in Claim 23, wherein said information data includes at least one of video data, audio data and text data.

Claims 26-29 (canceled).

30. (previously presented) An information recording medium for recording data therein, comprising:
information data being reproducible in the form of a data frame; and
additional data embedded, as an electronic watermark by plural times into said information data of said data frame, repetitively and separately in said data frame,

wherein a transmitter side transmits said data frame of the information data embedded in said data frame with the repetitive and separate additional information data,

wherein a receiver side receives the transmitted data frames of information data embedded in said data frame with the repetitive and separate additional information data therein, detects the repetitive and separate additional information data embedded in said data frame from said transmitted data frames of information data, and determines said additional information data based on repetitiveness of the additional information data detected, and

wherein said receiver side determines said additional information data based on a majority rule of the repetitive and separate additional information data embedded in said data frame.

31. (previously presented) An information recording medium as claimed in claim 30, wherein information relating to a repetition number of the embedded additional data is recorded into a part of said information recording medium.